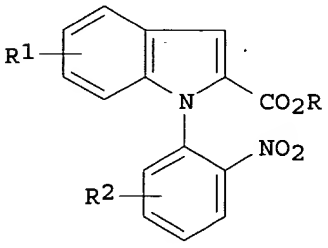
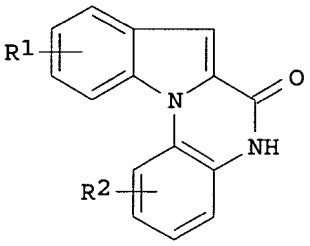
US6114358

L5 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 1995:590422 CAPLUS
DOCUMENT NUMBER: 123:55807
TITLE: Two step synthesis of substituted indolo[1,2-a]quinoxalin-6-ones
AUTHOR(S): Beach, Michael J.; Hope, Ruby; Klaubert, Dieter H.; Russell, Ronald K.
CORPORATE SOURCE: R. W. Johnson Pharmaceutical Research Inst., Raritan, NJ, 08869-0602, USA
SOURCE: Synthetic Communications (1995), 25(14), 2165-83
CODEN: SYNCAV; ISSN: 0039-7911
PUBLISHER: Dekker
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 123:55807
GI



I



II

AB The reaction of indole-2-carboxylates with 2-fluoronitrobenzenes in 1-methyl-2-pyrrolidinone contg. NaH affords the 1-(2-**nitrophenyl**)**indole**-2-carboxylates I [R = Et, Me; R1 = H, 5-Cl, 5-F, 5-OMe, 5,6-(OMe)2, 4-OCH2Ph, 5-OCH2Ph; R2 = H, 4-F, 4-Me, 4-CF3, 5-F]. These compds. are reduced with iron in acetic acid to afford the indolo[1,2-a]quinoxalin-6(5H)-ones II.